

In the Abstract

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ABSTRACT

A fluid transfer system includes a fluid container to receive a liquid and an apparatus for pressurizing liquid in the container including a deformable envelope defining a space for receiving a gas. Deformation of the envelope contracts the space to a contracted condition such that, when the space includes the gas, deformation of the envelope contracts the space to effect a transfer of a portion of the gas to the container to effect pressurization of the liquid in the container. A dispensing nozzle includes a fluid passage having a nozzle inlet and outlet, and an orifice defined by a valve seat. The nozzle inlet is in fluid communication with the container for effecting a discharge of the liquid from the container. A sealing member is biased into sealing engagement with the valve seat for sealing fluid communication between the nozzle inlet and the nozzle outlet.